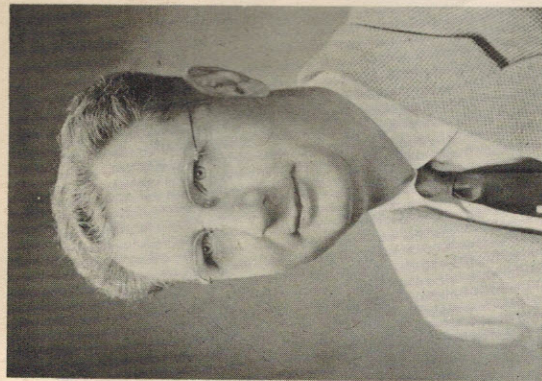


Gene

Van Sickle,

W9KJF

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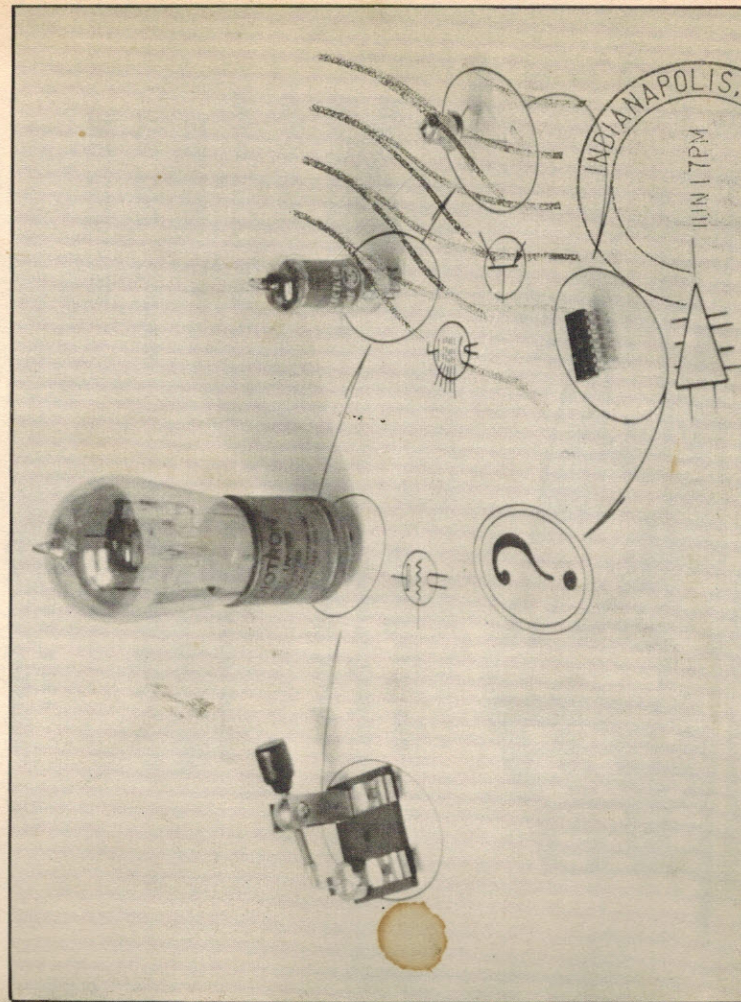
Ma cheswer

PUBLISHED FOR

INDIANAPOLIS RADIO CLUB, INC.

FOUNDED 1914

May 1969



INDIANAPOLIS RADIO CLUB, INC.

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Indianapolis, Indiana 46268

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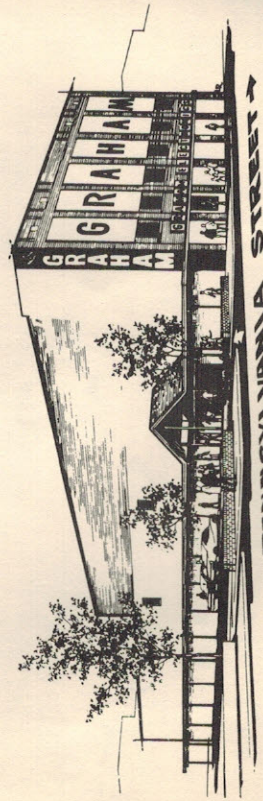
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AMA-CHEWER

May 1969 Issue

SPECIAL CONVENTION EDITION

Ama-chewer is published monthly by and for the members of the Indianapolis Radio Club, and all amateurs in the Indianapolis Area. The publication is mailed to all members and subscribers. Non-members may subscribe for \$1.50 per year.

The Indianapolis Radio Club meets on the second and fourth Friday nights of each month except July and August, in the Indianapolis Park Board Bldg. at 29th and Harding Sts. Guests are welcome, and only an interest in amateur radio is necessary to attend. Meetings start promptly at 8:00 P.M. E.D.S.T.

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Sec. Paul Beckerich W9SUN
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Dir. Garold Bramblett W9POF
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7830 Melbourne Road, New Augusta 291-0372

Permission is granted to reprint any part of Ama-Chewer, provided credit is given. News from other clubs is welcome, and will be printed, if received before the first Friday of the month.

Local Clubs

Since this is a special convention issue, an attempt to obtain a short history of all the local clubs was made with rather sad results. Most of the larger plants around town reported that the ham clubs were dormant, but very active CB clubs. Listed below is the information that I was able to obtain.

Indianapolis Radio Club

Organized in 1914, and has held regular meetings ever since. Held 50th Anniversary meeting in 1964 with three of the original members present. Details on meetings and present officers on page one. IRC is an ARRL affiliated club, and an attempt is made to cover a wide range of interests in its meetings and programs. No particular facet of amateur radio is emphasized.

Central Indiana VHF/UHF Radio Club

Organized in 1964 with approximately 25 members, and affiliated with C.D. defense amateur communications. Meets at the Park Board Bldg. on the 2nd Wed. of each month. Activities include amateur radio C.D. communication on all modes on low bands and 52.525 FM and 146.94 FM with participation in the Goblin patrol, Cancer telethon, Scout Road Rallies, the 500 Parade, Field Day, and anything pertaining to emergency communications. Officers Al Minnick, K9SUW, Pres., Mike Sercey, WA9FDO, V.P., Dave Brown, W9CGI, Sec., Harry Smith, WA9HUM, Acting Sec., Ken Ralston, WN9ZGU, Treas., Jim Baughn, K9EOH, Comm. Mgr., and the station call is WA9NVP.

NAFI Amateur Radio Club

Organized at the Naval Avionics Facility Indianapolis in the fall of 1957 with 24 charter members and was assigned the FCC

call K9NEX and the Navy MARS call of WØRTT. In 1962 the FCC call was changed to W9TBZ.

The station is located in the east end of Bldg. 7000-1 adjacent to Gates 3 and 4 on E. 21st St. The station is capable of operation on all amateur and MARS frequencies between 1.7mc. and 432 mc. in CW, AM, FM, or SSB modes. The club presently consists of 37 members, and meets at 1930 hours local time on the 2nd Monday of the month unless otherwise directed.

Current officers are Jerry Edgerton, W9LWY, Pres., Gerald Kuhn, K9DQT, V.P., Clancy Arnold, W9ATV, Sec./Treas., and George Hayden, K9VHE, Trustee.

Indiana Amateur Television and UHF Club

Sponsored by the NAFI Club, meets in the club house of the NAFI Club, and is administered by the officers of the NAFI Club. The club consists of approximately 50 members who are actively engaged in ATV and UHF pursuits. Homebrew projects and technical talks are the highlights of the meetings which are held about every three months during the winter. The club distributes dozens of original circuits developed for ATV, amateur color TV, slow scan TV, special effects generators, 432 mc xmtrs, rcvrs, and antennas to its members. The club also tries to serve as a consulting group to hams not yet active above 144mc. NAFI members are automatically members and others interested in joining can apply to W9NTP. Yearly membership is \$3.00. The club operates a TV net at 7:30 local time each Sunday night with the audio on 146.88mc. Information can be obtained from W9NTP or W9HWX who say "Remember, Hams should be seen as well as heard."

The Allison plant also has an active club but no information from it was available.

On a recent trip to Marion, Ind. we meet several hams including Don Hoke Wb9ABR and Orville Elliott.

From a previous contact on 6 FM with "Woody" K9CHV he mentioned he could be reached at Fred's TV so I had some spare time around noon and stopped in to meet him. He took me to his shack and he has QSL from all over 6 & 2 meters only. He worked thru the Ft. Wayne 2M-FM repeater which has an 8 sec hold, from Marion very easily. His equipment includes a "Bearcat" 8 channel SCAN type police monitor, something on each channel including Marion county sheriff's freq. Other equipment includes state police monitors, Heath SB-110 and two racks of 6 meter and 2 meter equipment plus a large tower and beams etc. It was certainly a nice meeting "Woody" and I had a fine lunch hour plus a free 7-UP all because of another friendly amateur radio operator.

While in Marion I Worked Don W9HNO in Wabash and he mentioned the Hamfest in Wabash on May 25th. they will be on 52.525 and 146.94. My log shows others such as K9LNX Garry, K9RFFK, WA9LGQ with Hank K9LZJ op., K9BRF Wayne, WA9BVS Malcolm, K9QDR Lee Easley still at that other school in Bloomington, K9SVB Dick, W9IEZ Ed and Bob WA9HNK.

An easy way to change spark plugs. Having just put a new set of R46N ACniter AC spark plugs in the mobile, supposed to reduce interference I tried a new way of changing plugs and saved about 1/2 the usual time. The secret is to use a 2 to 2-1/2" length of 3/8" I.D. Air hose this is just the right size to slip over the plug insulator. Loosen the plug with a ratchet wrench, slip the hose on plug firmly, remove plug and hose together, pull hose off old plug and push on new plug and slip it back in the plug hole. Do one plug at a time and have your new plug gapped and ready to slip in to the hose. The hose gives something to grip onto and helps when reaching in those hard to get at spots. Try it I think you will like it.

DX NOTES

Congratulations to our local boys who "made good"!

A group of operators including Les Bannon, W9ZTD, Dave Zeph, W9ZRX, and Joe Poston, K9GCE, who were at Sint Marten for the fone section of the last CQ DX contest, placed first in the multi-band/multi-operator category. An attractive trophy was presented to them at the DX meeting at the Dayton Hamvention by Stu Meyer W2GHK/4 of AMECO.

Gene Balcom, K9COS, reports receiving his WAZ Fone certificate #402. No small feat is this, apparently--he had to get 233 countries on fone before snagging that last elusive zone. Steve Hritsko, W9SFR, and son WA9UFR, both have already received VKØ, Heard Island, pasteboards from the recent DXpedition to that rare portion of our globe.

The latest info on Gus Brownings DX trips in the Indian Ocean area: worked him April 30 at Seychelles using call VQ9/A. He had previously been at Mauritius and Rodriguez Islands, and has been assigned the call VQ8CP. His movements are being hampered by lack of readily available transportation. He would like to go to Chagos and Agalega/St Brandon Islands. Freqs to watch for him on CW are: 1827, 3525, 7025, 14025, 21025, & 28025 KHz. FONE: 3795, 7095, 14195, 21245, 28495 KHz. Please follow his instructions as to answering.

Conditions have alternately been good and then "spotty" on 20m. W9V has been noted sending U6 (unsettled conditions) often. However, some good catches such as OD5LX, VA2HWT. and AP5HQ are heard regularly with fair to strong CW signals around 14025--14050 KHz.

73 es gud DX de W9FU

The ground plane antenna is well known for its low angle radiation properties, making it an ideal setup for 10-15-20 meter operation.

One of the problems encountered in putting one up, is the base and base insulator assembly. Here is one way of solving this problem.

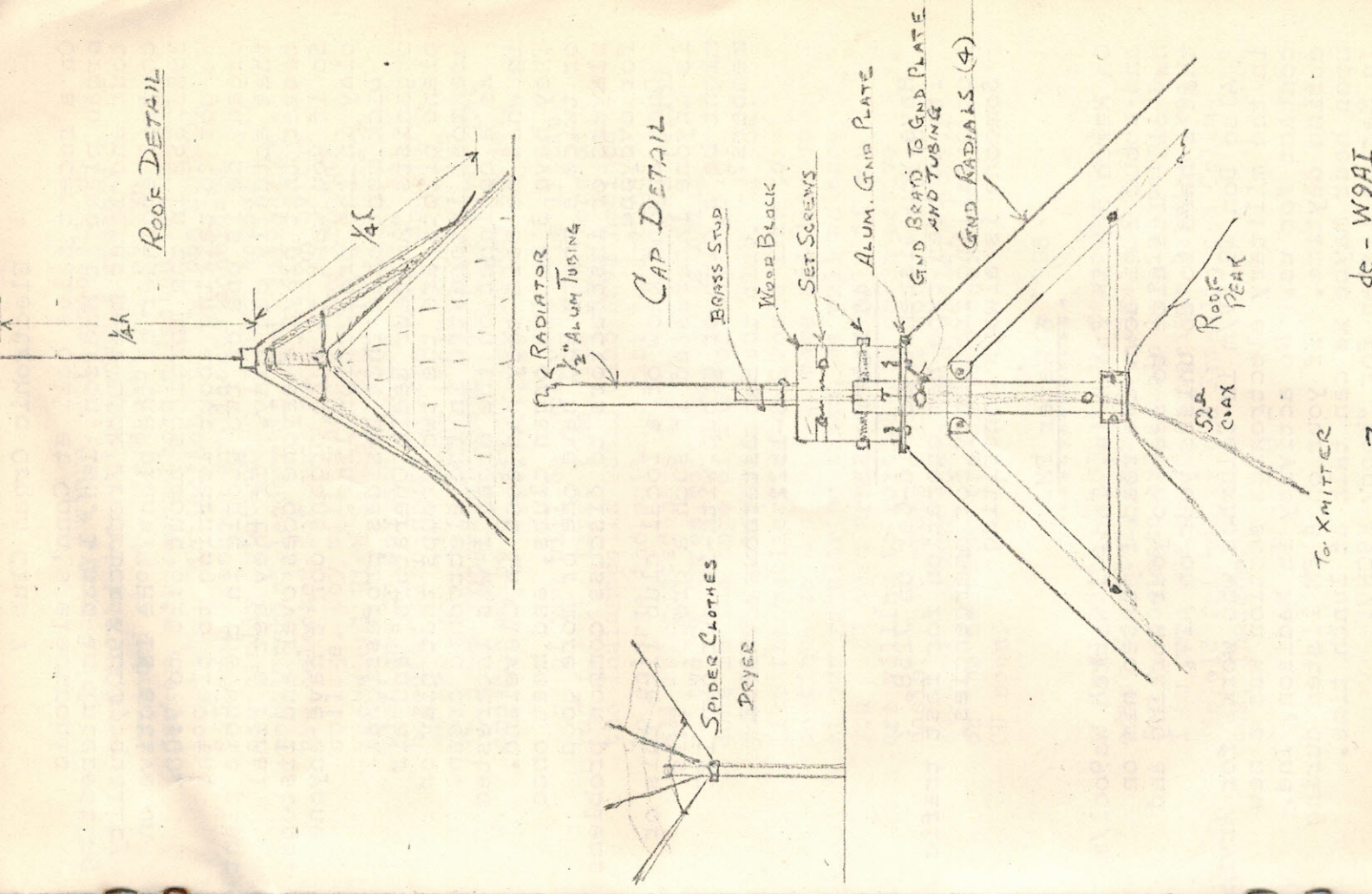
Using an old abandoned spider type clothes dryer, by turning the thing upside down you have a vertical shaft and four self adjusting legs, which when set upon a roof will adjust very nicely to the pitch of any roof. No need to damage the roof with mounting bolts etc. as the base is heavy enough and with 4 legs will be securely anchored to the roof.

Referring to the Cap Detail, we have a wood block for the base insulator, properly waterproofed, after drilling. One end is drilled to take a brass stud which telescopes with the $\frac{1}{4}$ " radiator, the other end is drilled to take the $1\frac{1}{2}$ " tubing of the spider assembly. On the $1\frac{1}{2}$ " end of the block a ground plate of alum. is held by wood screws. Since the joints in the 4 legs will probably be rusty and high resistance and the legs are short for $\frac{1}{4}$ " we will parallel 4 copper wire radials with the legs.

Assembly procedure:

After all machine work has been done on the spider and cap, take to roof and adjust spider for good solid setting. Feed coax thru drilled hole near base of tubing up inside and out the top, make provisions for feeding coax braid out of side of tubing near top to make connections with ground plate and tubing itself. Take cap in which brass stud has been secured with set screws, solder or fasten center of coax to brass stud. Lower cap on to $1\frac{1}{2}$ " tube maneuvering braid of coax to come thru tube and make connections to the tube and ground plate, secure cap with set screws. Attach 4 ground radials to ground plate, lash along legs at intervals and tuck ends under flaps of roof shingles. Mount radiator on stud with bolts thru brass and alum. There you have it an in-expensive, easily erected, DX-ing Antenna.

If you can hear em, you can work em. Hi.



Electronic Organ Club ?

On a recent sales call at Conn's electronic organ plant at Madison, Ind. I had an interesting tour and later meet Dick Fredrick K9EQO, quality control engineer at the plant. He is active on 3985 SSB in the mornings about 6:30 to 7:00. We got to talking about learning to play the organ, he is one of two people in the whole plant that actually can play. If they get a final tester that plays everyone goes over and listens. So if you want to make organs don't have anyone play in the production line.

Dick mentioned that besides professional organists "Amateur Radio Operators" and air plane pilots are the two groups that play or are most interested in the electronic organ.

As a beginner on the organ I was interested in what he said they had done in Cleveland. They have 3 active organ clubs, and meet once or twice a month and have one or more good players or instructors to discuss common problems for everyone.

Does anyone know of a local club like this or is anyone interested in such a group? This might be a club or group with-in our own IRC members?

Bob Osterhous W9PSE
255-1522

40 Meter SSB

Have you listened to Mid-Car on 7258. ?
Its an open type net operation for fast traffic or a calling frequency for emergencies.
Someone is always monitoring

6 Meter FM

On March 5th in Franklin, Ind. I worked Wa9ool/m and about 2 mi down the road I passed him on hwy 31. Its nice to see who your working and that's hard to do unless your on ATV.

Also Don W9INV/m in Columbus who works for Arvin in the military electronics section was a new contact for us. No activity in Madison, Ind. during daytime. If your on 6 FM listen during noon hour maybe we can talk at lunch time. In Marion listen for "Woody K9CHV.

Bob Caskey, W9DNQ, will probably be seen in the near future with a greatly expanded chest. His daughter, Joy Lyn Caskey, was among those selected for admission "With Distinction" to Indiana Central College. Freshman applicants considered especially outstanding in high school scholarship, leadership, and citizenship are selected for such recognition by the college. Joy will graduate from Arsenal Technical High School this June. Congratulations to Joy and Bob, too. After all, heredity also shows in the final analysis. By the way, I'd better include Catherine in those congratulations, or I'll never get another piece of pie at the Caskey abode.

Many of you will be receiving this little rag for the first time. The directors of the Indianapolis Radio Club have decided to enlarge the mailing list to include all interested hams in the area for a period of two or three months. This is being done in the hope of interesting some of you in the activities of our club. If you like the publication and would like to continue to receive it, come and join us at our regular meetings. We will welcome you with open arms, particularly if you are willing to participate on an active basis(That means a little work.) for the good of amateur radio as a whole. Details on the meetings are on page one. Hope to CU soon.

73, de W9BS

Oral White, W4GB, is in Carraway Methodist Hospital, Room 438, Birmingham, Ala. for a prostrate and double hernia operation. I am sure Ode would appreciate hearing from his old friends around Franklin and Columbus, Indiana.

For Sale- Tower 32' Spaulding, CDR AR22
\$50.00 Ron Resch 253-1584

For Sale- Heath sixer \$35.00 Carl Szenthes
WA9FDR 926-2734 3230 Arundel Lane 46222

For Sale- Complete novice cw station HQ-17Ø AC,
Johnson Adventurer, and homebrew electronic
TR switch. All excellent codx with conn.
cables. Yours \$275 or make deal. WN9ZGP
Anthony Lux 8714 Green Braes 46234 Ph. 293-0483

Be sure to read "Automatic Repeater Require-
ments" a good article by Marsh Lincoln W7DQS
in April CQ page 46. Should be of interest
to FM operators and old friends of Marsh's.

How many of you saw the editorial in
the Indianapolis News about Sen. Barry
Goldwater being a guest speaker at the
Central Division Convention of the Ham
Radio Relay League? Do you suppose the League
could use a good PR man. You know the old
saying about not caring what the papers
print about you as long as they spell your
name right?

By the way, to get down to more mundane
matters, the treasurer asked me to announce
that it is time, yeah verily, way past time,
for all good members to come to the aid of
their club by paying their 1969 dues of
\$4.00. Make check payable to Indianapolis
Radio Club and mail to Bill Lueth or better
yet, see him at club.

Rcvd a letter from Young Snodgrass, WA9QMU
relating some of the goings on around West-
field. Says he passed his Advanced Class last
fall; but needs cw practice before going
after Extra. Jack Mendal, WN9ZZR has been
active on 40 and can read cw at 15-20 wpm.
He is studying for his general. Young also
says he has built a Micro TO keyer but is
having some problems.

- 10 -

Noodle Nudger

Here are a couple from the publication of
The Far East Auxiliary Radio League.

1 - What can an O-1 milliammeter in series
with a carborundum crystal rectifier and a
coil of 2 to 6 turns be used for?

2 - Radials need not be buried, but may be
supported just above the earth and insul-
ated from it, this is known as a.....?

Answer to 1st month's Noodle Nudger

Here is an answer to last month's from
Ward Studor. I will quote directly from
Ward's letter.

A - Take any six bricks and put three on
each side of the balance. If these balance,
it means that one of the two remaining
bricks is the heavy one. Put these two on
the balance and determine the heavier one.

or

If the six do not balance, it means the
heavier brick is on of the three on the
heavy side. From the heavy side select
any two bricks, if these two balance it
means the heavy brick is the remaining one
of the three. On the other hand if the
heavy brick is one of the two selected, it
will show up on the balance.

Congratulations Ward, you win the first
prize- a 3¼ inch piece of RG 58/U.

How many of you saw the plug for Ama-Chewer
in the current edition of Radio and TV
Experimenter? Our Wickenburg, Arizona
correspondent Marsh Lincoln, W7DQS, in
his Ham column gave favorable mention to
Ama-Chewer as part of an article on ham club
publications.

Lyman Henry Wolfla II, K9LXJ, better known
to most of us as Hank is to be wed on June
14th to Miss Barbara Joan Wallace. The best
thing to do, Hank, is to try to make a ham
out of her right away.

- 11 -

DAYTON HAMVENTION

The Indpls gang seemed to be well represented again as usual this year at the Dayton Hamvention. If you missed your buddy all year, go to Dayton and meet him for an eye-ball QSO! Some of the faces seen there and the call-signs belonging to them are W9BZB, W9AEA, W2BR, W9TKV, W9FZW, W9ZRX, W9ZTD, W9DPL, W9APG, W9ZTR, W9STR, W9FU, K9GCE, K9CEY, K9MSB, & W9CKB. Sorry, if we missed seeing you there, OM!

The quarterly FCC examinations for May will be held in Indpls on the following dates: May 13, 14 & 15 (Commercial) and Friday May 16th for Amateurs.

WA9NST

WA9NST, the club station of Sams Technical Institute has again ceased to exist. After being active for only a few weeks in the latter part of '68, it has again disbanded due to lack of support. Although, enough local hams and /9's were willing to devote their time and available equipment. the school was unwilling to provide a suitable QTH or arrangement for antenna systems. So, if you read in their brochures about their "wonderful" little ham club, don't you believe a word of it.

de WA9ZTR

A supersalesman was selling automatic milking machines. One of his prospects was a farmer who owned only one cow.

The salesman was so good that he sold the farmer two milking machines and took the cow as a down payment.

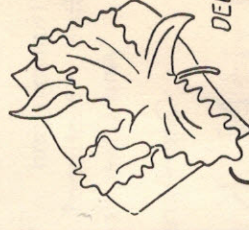
OK, so we aren't supersalesmen here on the staff of AMACHEWER but how about selling you on the idea of sending in a few news items for our paper?!

**JOS. G.
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